



Ameritech  
Information Industry Services  
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**Omni!Presence<sup>SM</sup>**

OFFICIAL FILE

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Witness

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# Current Situation

- Internet Service Providers (ISP's)
- Multiple local points of presence
- Outside plant facilities
- Expensive
- End users choose regional ISP to save money

# **What is OmniPresence<sup>SM</sup>?**

- Centrex based solution, creating
- Virtual points of presence, utilizing
- Ameritech Virtual Network (AVN)

# What is OmniPresence<sup>SM</sup>?

- Benefits:
  - Eliminates remote capital expenditures
  - Eliminates need to rent remote space
  - Expandability of the ISP's network
  - Minimizes blocking at peak times
  - Provides a fixed rate structure
  - Increases customer drawing area

- Eliminate remote capital expenditures
    - Modems
    - CSU/DSU
    - Routers
    - Wire hubs
    - Terminal servers
- # What is OmniPresence<sup>SM</sup>?

# **What is OmniPresence<sup>SM</sup>?**

- Eliminates need to rent remote space
  - No physical remote sites
  - No customer equipment at remote sites
  - Eliminates expensive remote site maintenance

# What is OmniPresence<sup>SM</sup>?

- Expandability of the ISP's network
  - Easy to add additional remote POP's,
  - Quick addition of remote POP's, enabling the ISP
  - Speed their response to competitive threats

# What is OmniPresence<sup>SM</sup>?

- Minimizes blocking at peak times
  - Trunk side routing of ISP traffic
  - Free's up time slots of line side access



- Provides a fixed rate structure
  - Set monthly rate for ISP based on CCS between 9 - 5 & trunk access at Hub CO
  - DTS
  - ISDN Prime
  - Remote lines
  - Basic Centrex
  - ISDN Centrex, Circuit Mode Data

**What is OmniPresence<sup>SM</sup>?**

# What is OmniPresence<sup>SM</sup>?

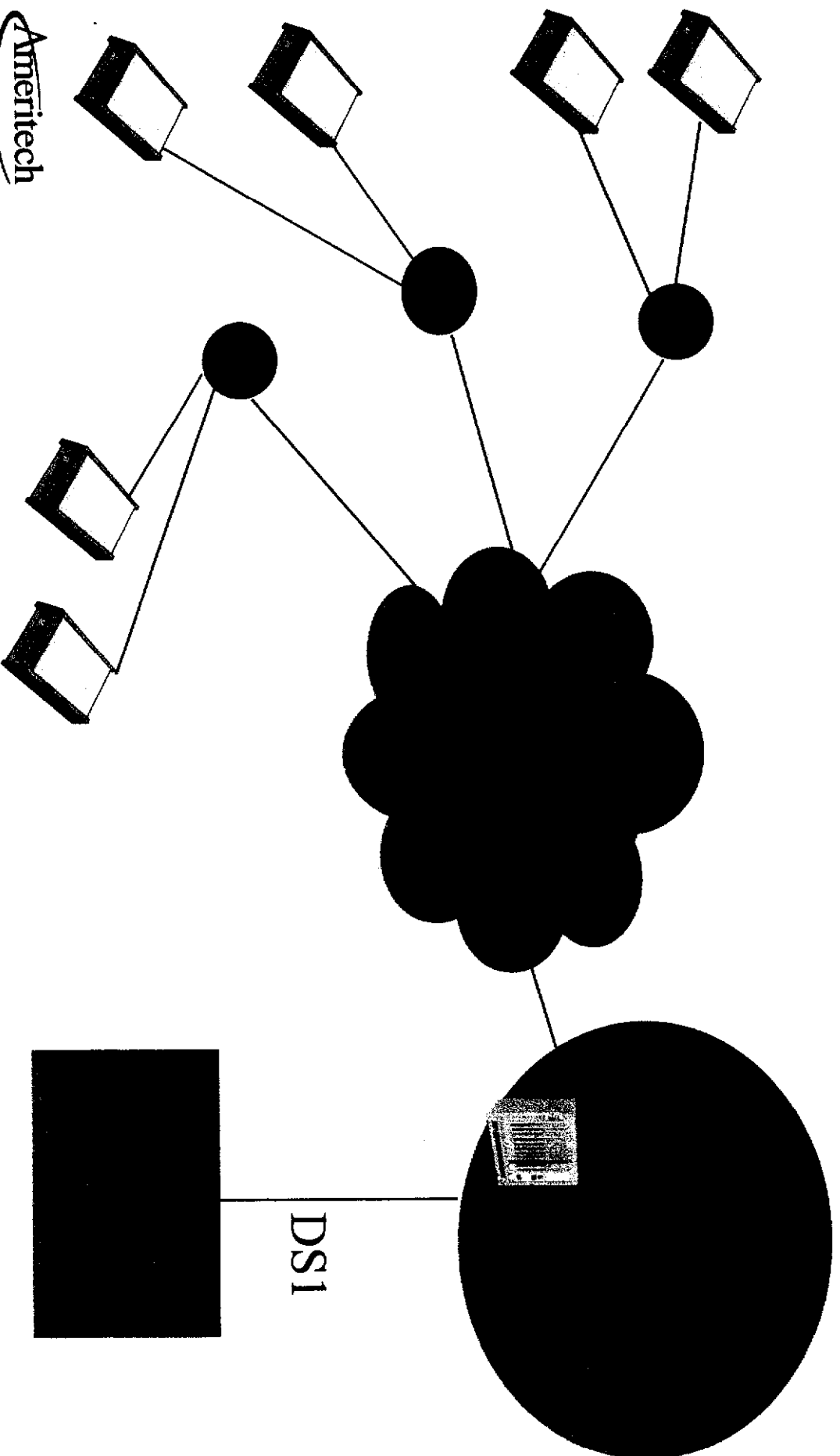
- Increases customer drawing area
  - Local call to end user, enabling
  - ISP's marketing ability to a broader geographic population

## **How does OmniPresence<sup>SM</sup> work?**

Call comes into OmniPresence<sup>SM</sup> Remote CO which then uses A VN with abbreviated dialing to forward the call to the ISP's OmniPresence<sup>SM</sup> Hub CO.

***This appears as a local call to the end user.***

# How does OmniPresence<sup>SM</sup> work?



# Components- Remote Location

- CO's used as ISP's Local Virtual POP (serving CO's w/in 8 mile radius of OmniPresence<sup>sm</sup> Remote CO).
  - 2-24 lines
    - Basic Centrex
      - 5ESS and EWSD switches using CFV
      - DMS100 using CFB/DA
    - ISDN Centrex with circuit mode data, B channel
      - CFB
  - Multipath Call Forward - 90 Paths per line or channel
  - Any combination of Basic and/or ISDN Centrex

# Billing - Remote CO

NRC

MO

## Centrex charges

### System charges

\$100

\$5

### Centrex Line Charges

#### Basic

\$0

\$8/line

#### ISDN-

#### Pipe

\$15

\$9.85

#### CMD

\$15

\$9

### Telephone number

\$.20/10 nos.

### OmniPresence<sup>sm</sup> AVN

\*

\$15/line

### Service Order Charge

\$34.85

### Multipath Call Forward

\$50

\$5

# Billing - Hub CO

- DTS/ADTS
- ISDN Prime
- DS1 or higher transport
  - Access Channel (Illinois Only)

	<u>Contract Term</u>	<u>Mo</u>
Basic	Mo/Mo	\$8.00
	36 Mo.	\$7.40
	60 Mo.	\$6.95
ISDN	Mo/Mo	\$9.00
	36 Mo.	\$8.50
	60 Mo.	\$8.00

# Billing - Hub CO

## • OmniPresence<sup>sm</sup> AVN

CCS

0-6

6.01 - 9

9.01 - 12

\$43.00  
\$67.50  
\$90.00

## • OmniPresence<sup>sm</sup> Network

Lines

1 - 200

201 - 500

NRC  
\$700  
\$1000

each add'l 500 lines

\$800



# Service Parameters

- Hub and remote must reside in the same MSA/LATA
- 26 line minimum network size
- Re-evaluate of CCS every 6 months
  - Based on highest CCS between 9 - 5
- DTS/ADTS and/or ISDN Prime required at hub
- DTS/ADTS integrated access only (i.e.. trunk side termination)

# Service Parameters

- No Centrex Mate
- No sharing of Centrex common blocks
- No unaffiliated sharing of network
- Service/lines/channel blocks must terminate at customer premises
- 2000+ lines may require special construction charges

# AVN Modifications

- Busy hour 9 - 5 only
- All lines at hub location do not need to be part of AVN
- 500 line minimum waived
- 25,000 line special construction modified

# Availability

## Remote Location

- Analog availability - today  
Siemens EWSD  
AT & T 5ESS  
Nortel DMS 100
- ISDN availability  
Siemens EWSD - today  
AT & T 5ESS - January 20, 1996  
Nortel DMS 100 - December 1, 1996

# **Availability**

## **Hub Location**

- No Remote Switches
- ISDN Prime
  - 5ESS
  - DMS - 100

# Conclusions

- OmniPresence<sup>sm</sup>:
  - Expands Ameritech's services to ISP's
  - Makes it easier to become an ISP
  - Encourages a more efficient use of our network
  - Builds customer loyalty to Ameritech in a competitive CLEC world